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FIG. 2A

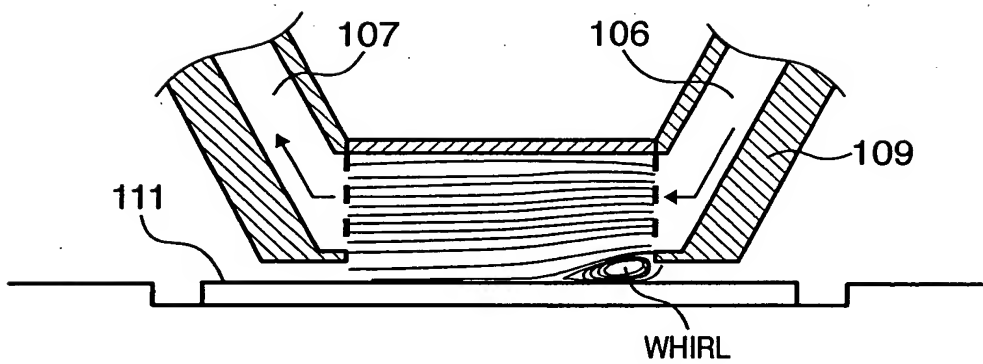


FIG. 2B

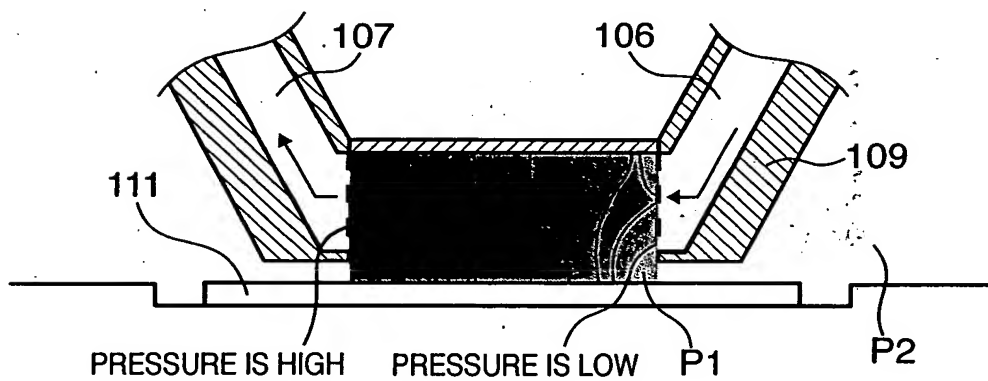


FIG. 1

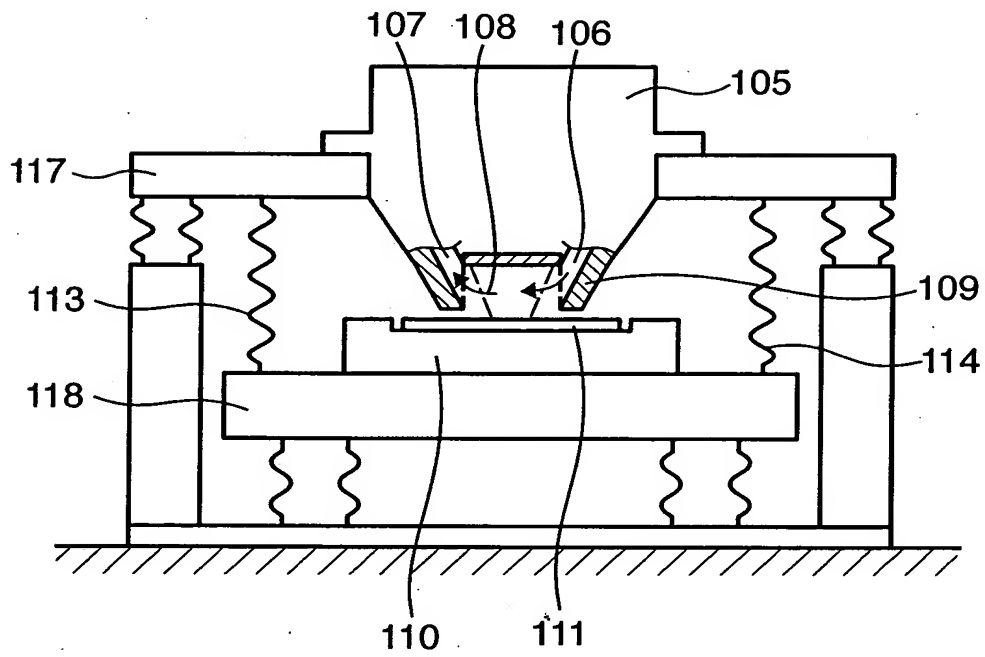


FIG. 3A

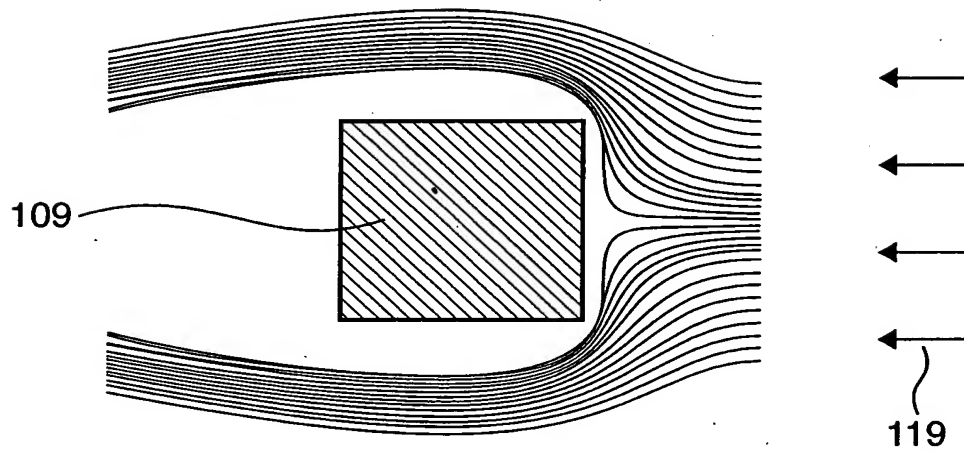


FIG. 3B

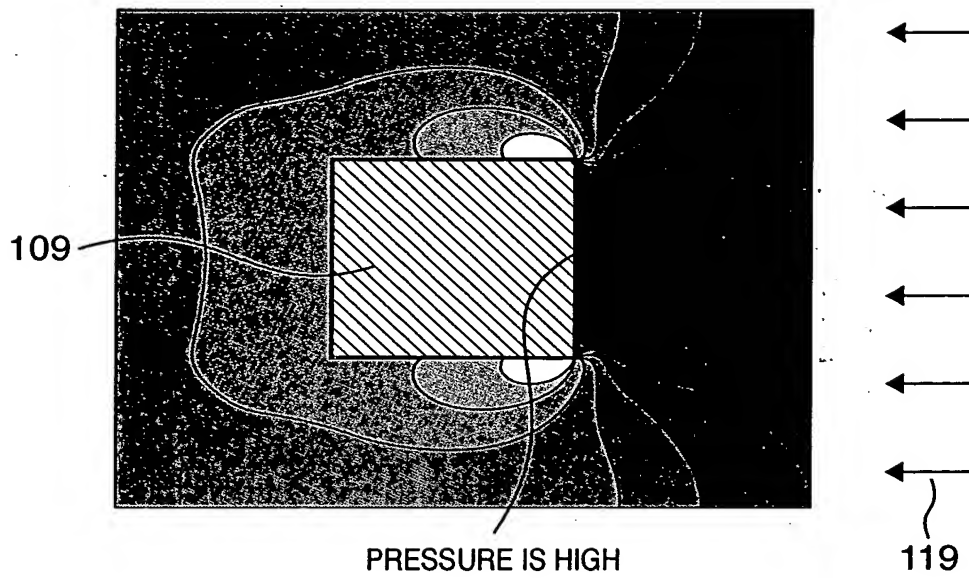


FIG. 4A

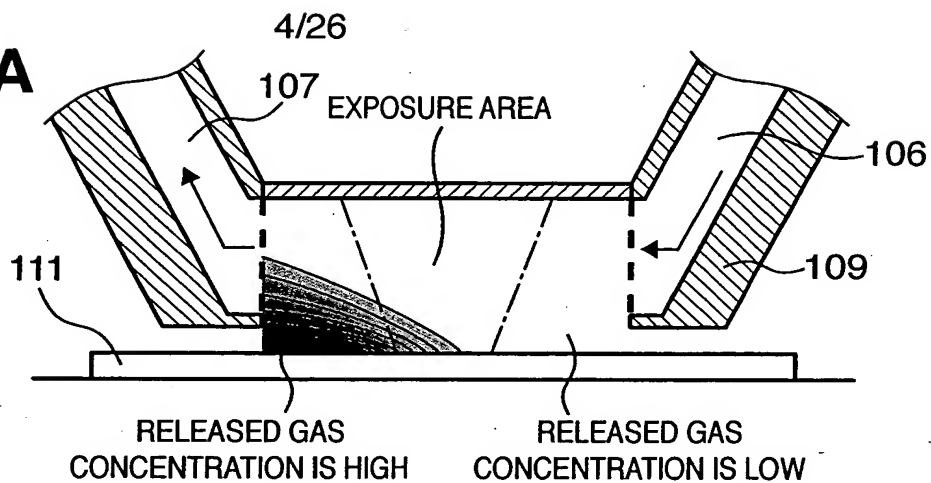


FIG. 4B

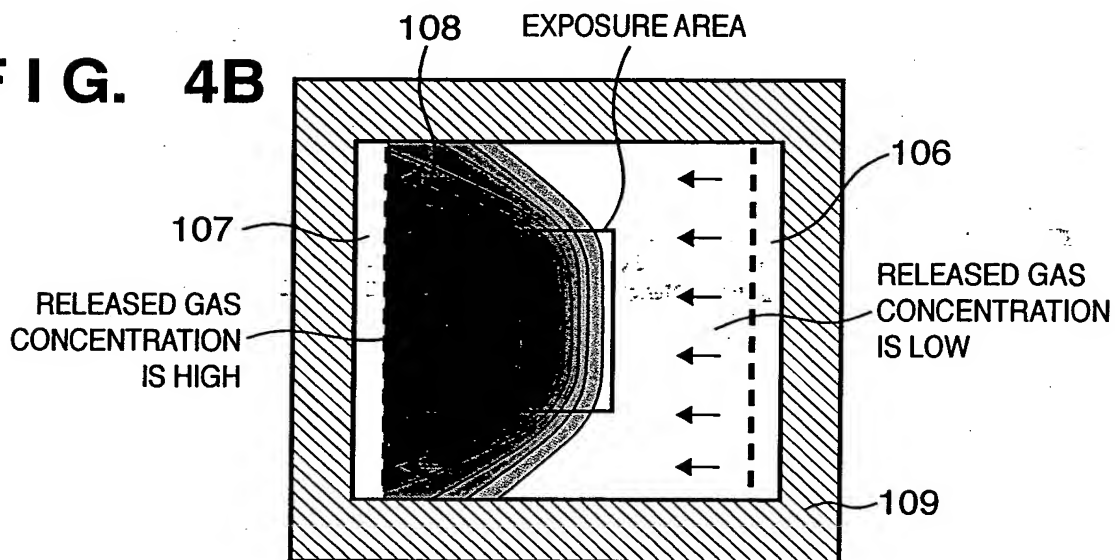
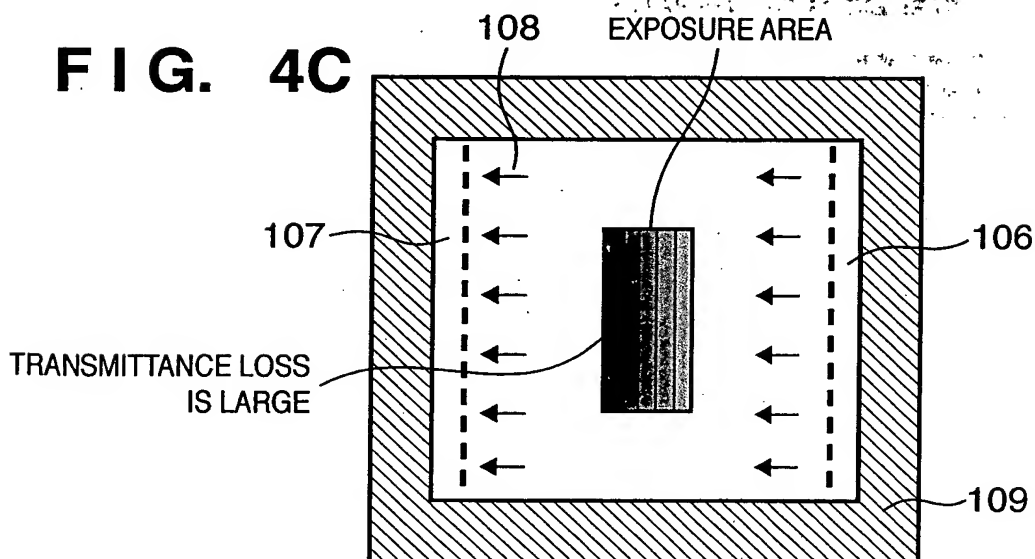


FIG. 4C



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FIG. 5A

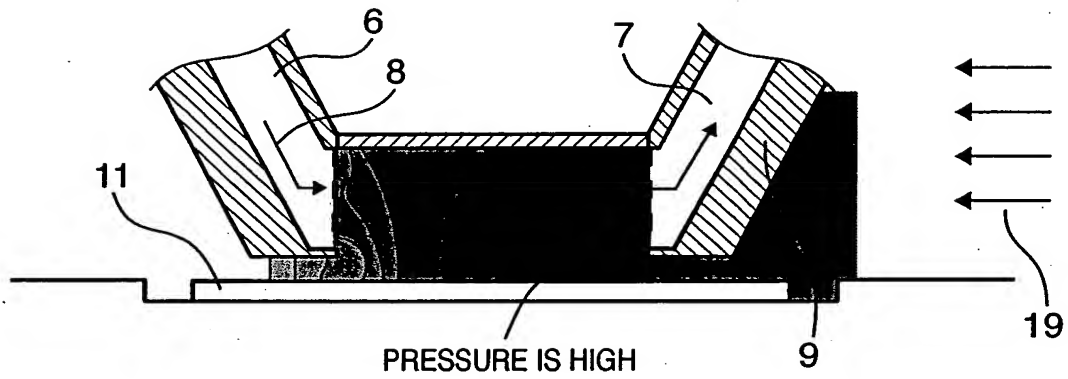


FIG. 5B

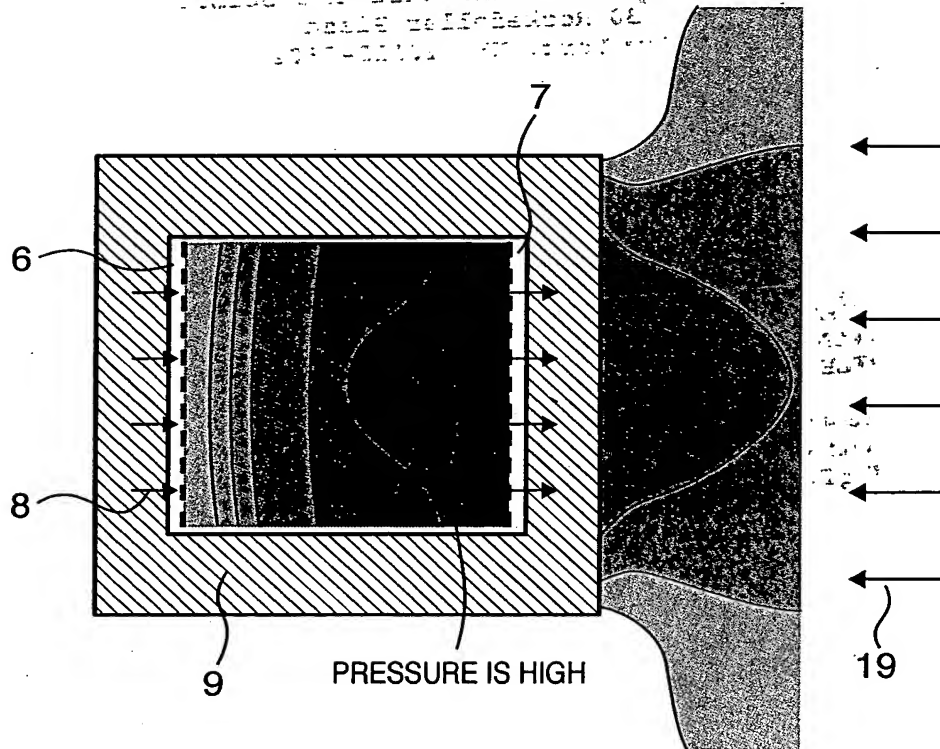


FIG. 6

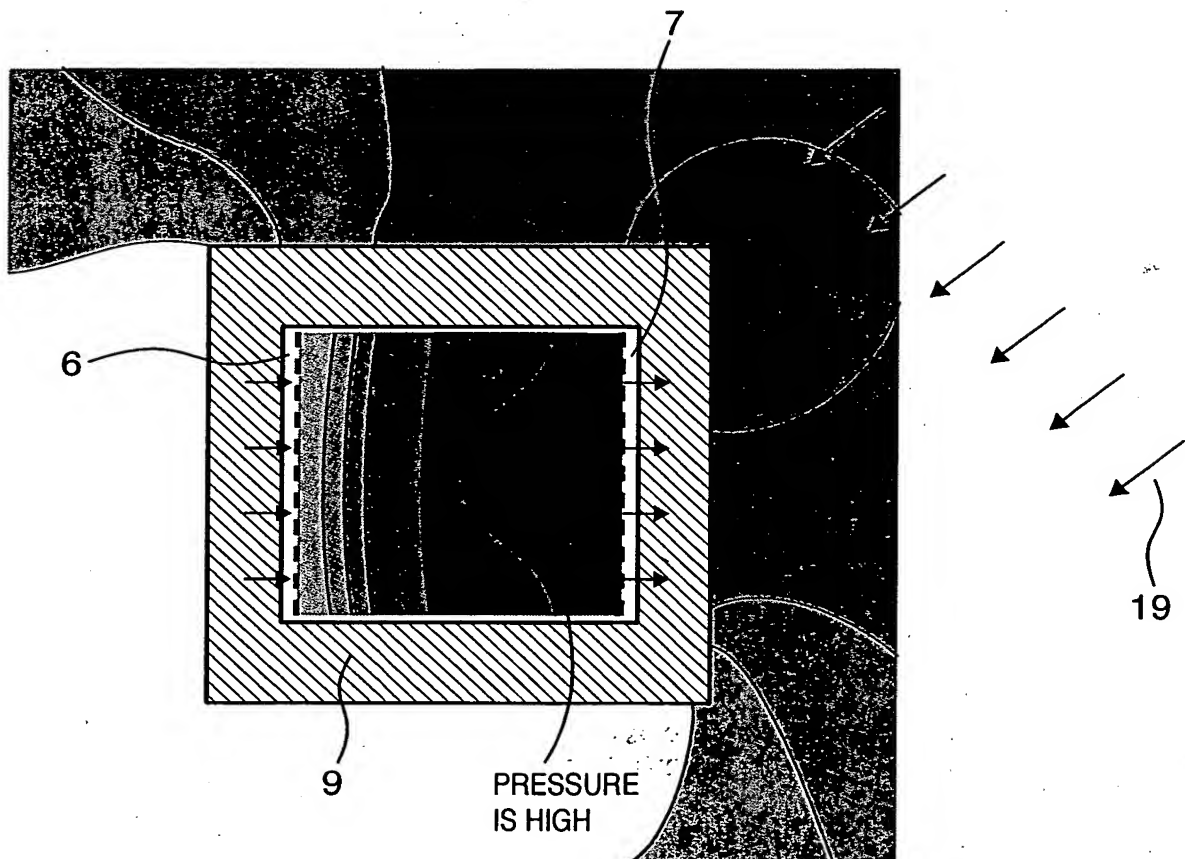


FIG. 7A

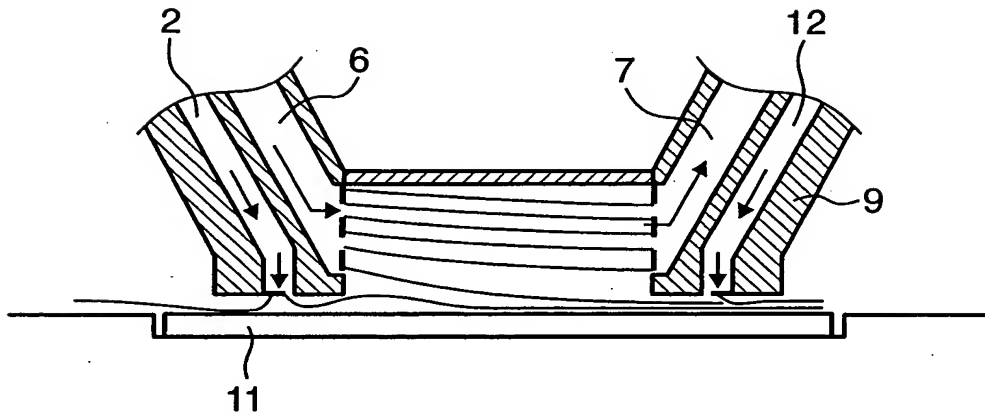


FIG. 7B

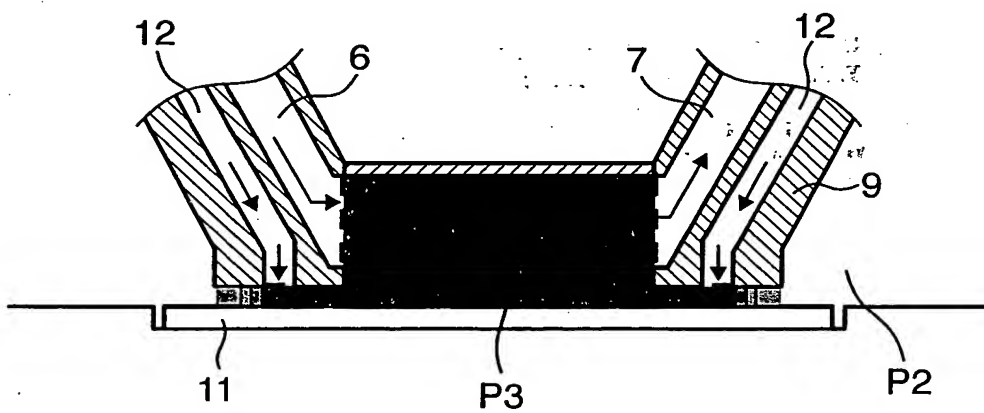
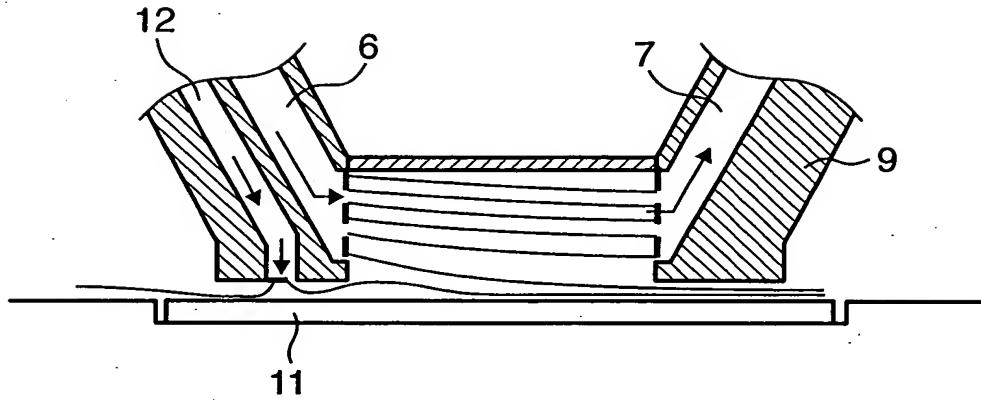


FIG. 8A



CHEN & KLEBAN, ATTORNEYS AT LAW
 1000 17TH AVENUE, SUITE 1000
 NEW YORK, NY 10036-6001
 TEL: (212) 692-1000
 FAX: (212) 692-1001

FIG. 8B

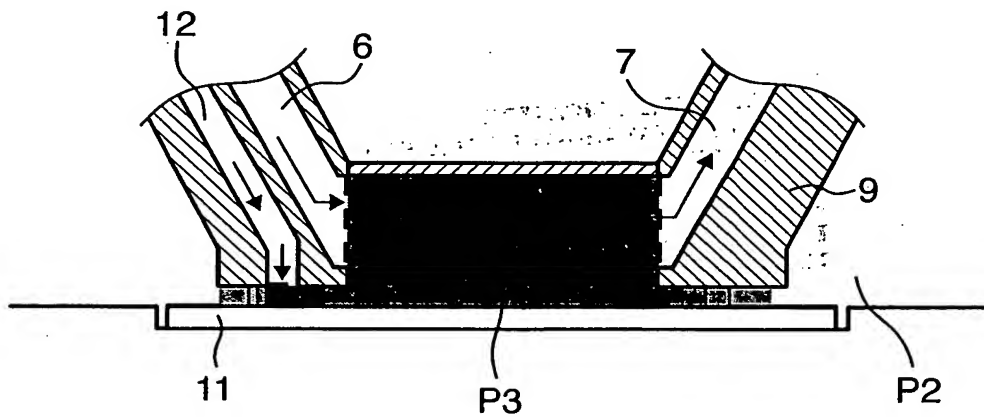


FIG. 9A

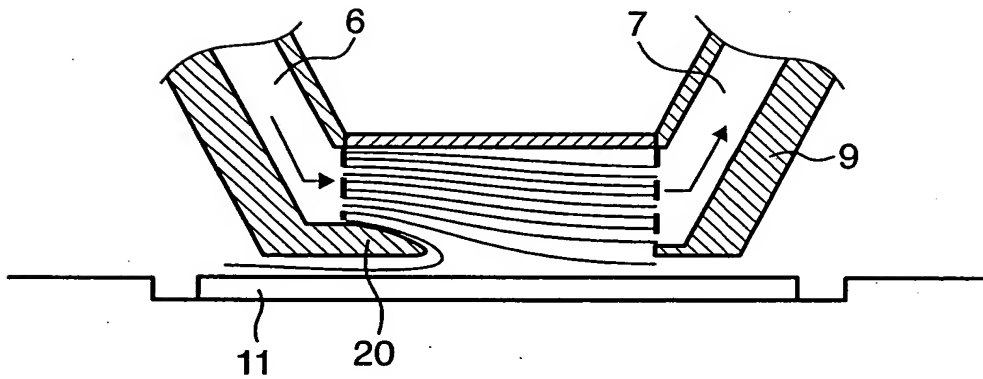


FIG. 9B

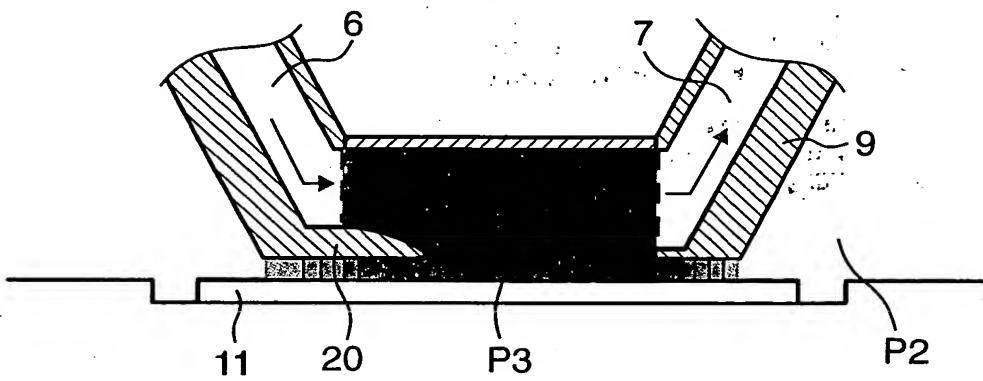


FIG. 10A

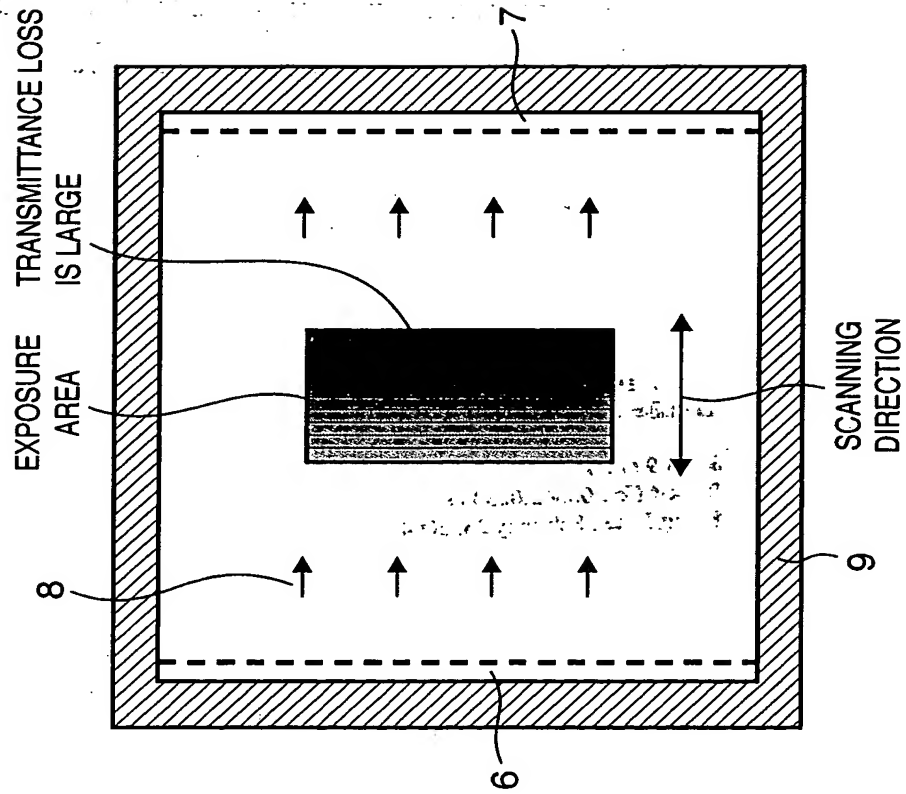


FIG. 10B

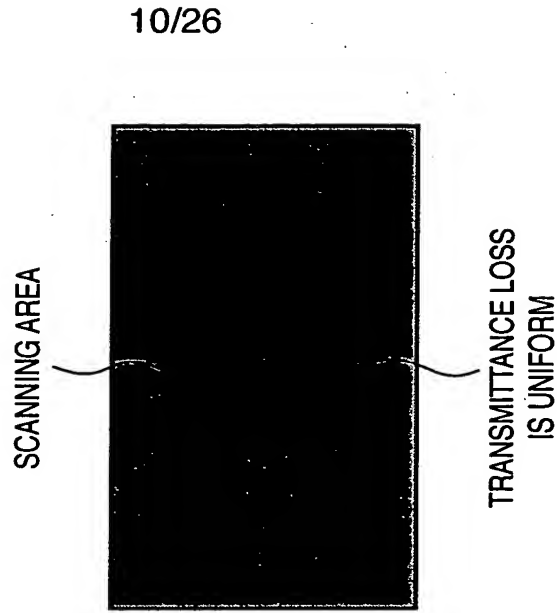


FIG. 10C

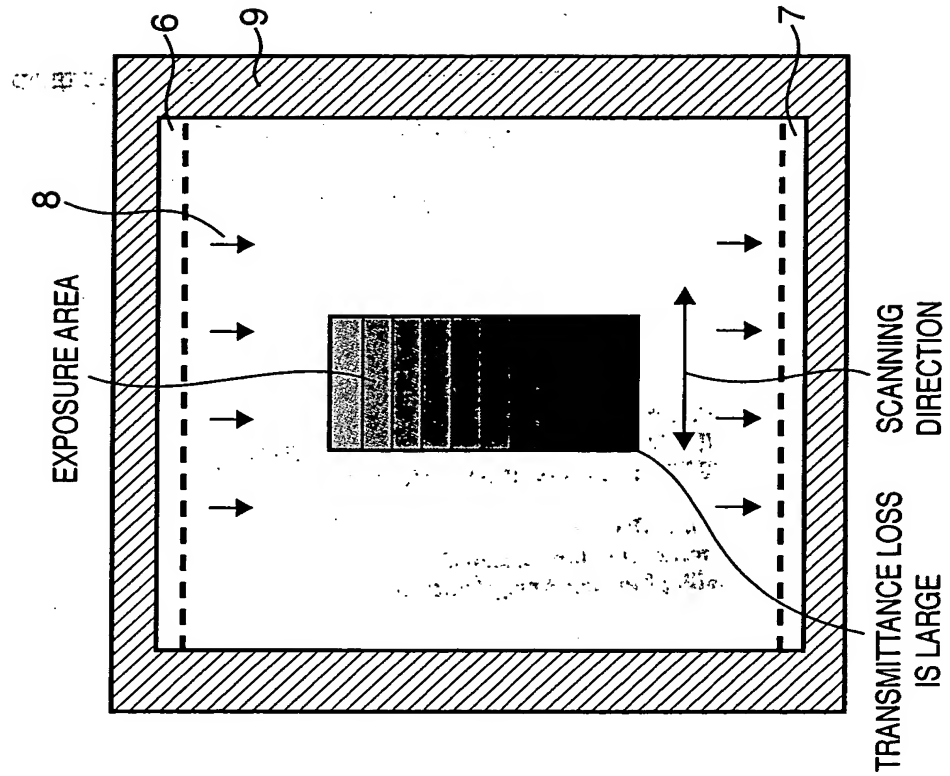


FIG. 10D

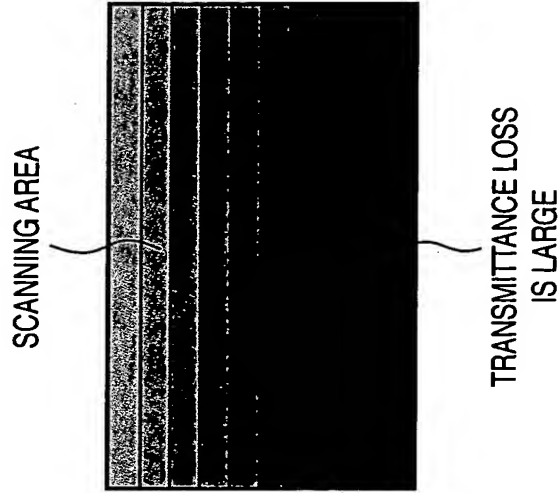


FIG. 12

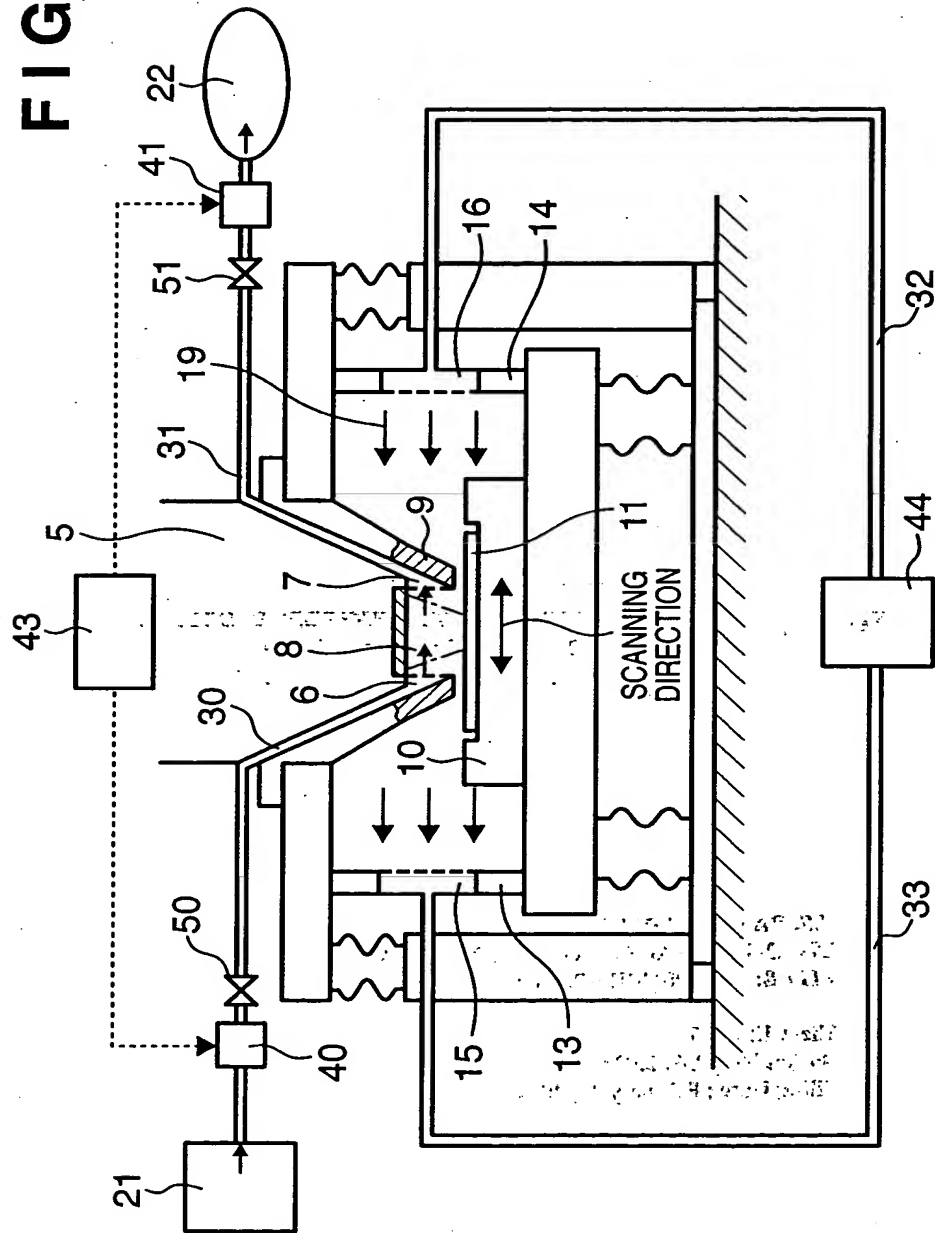


FIG. 13

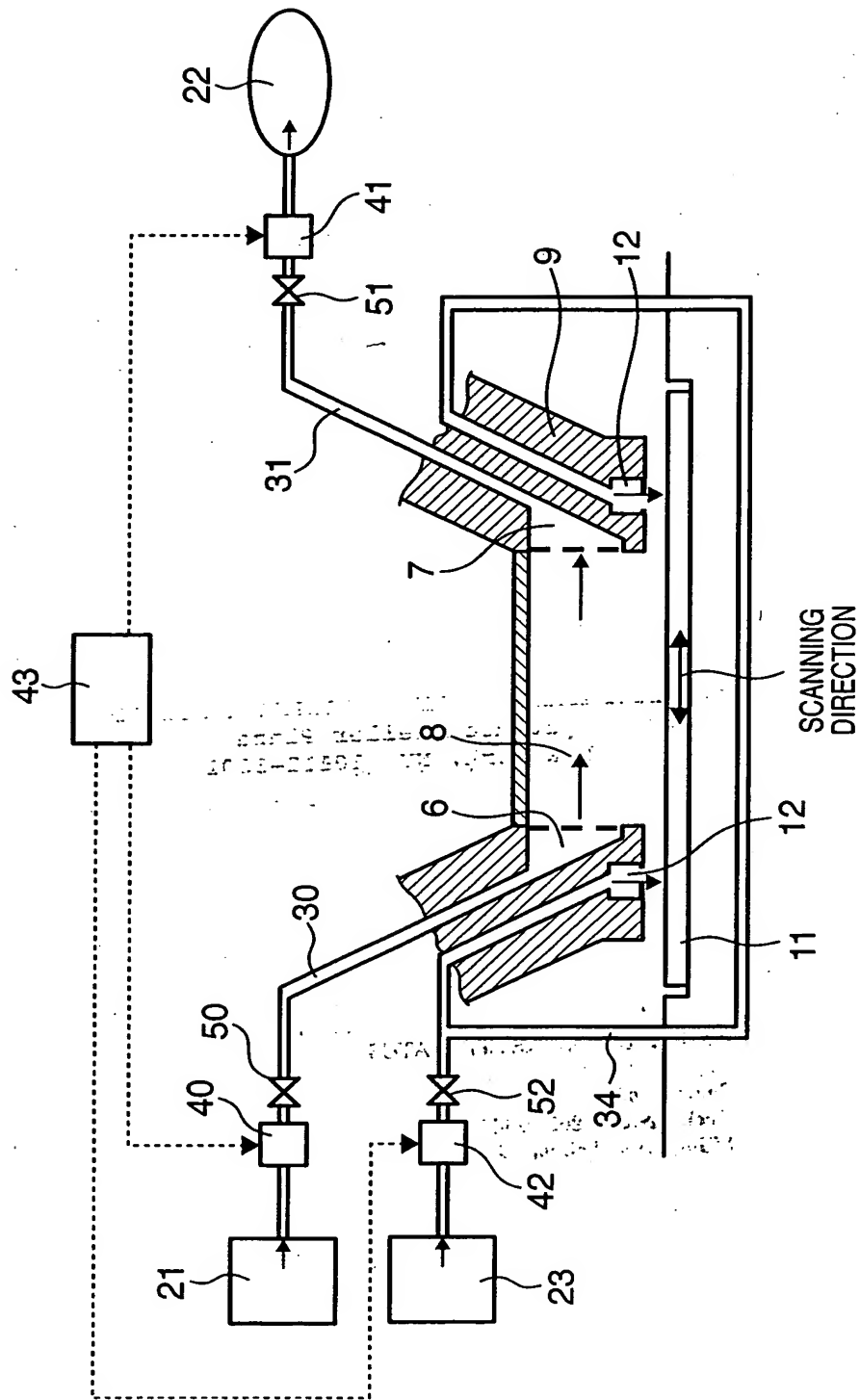


FIG. 15A

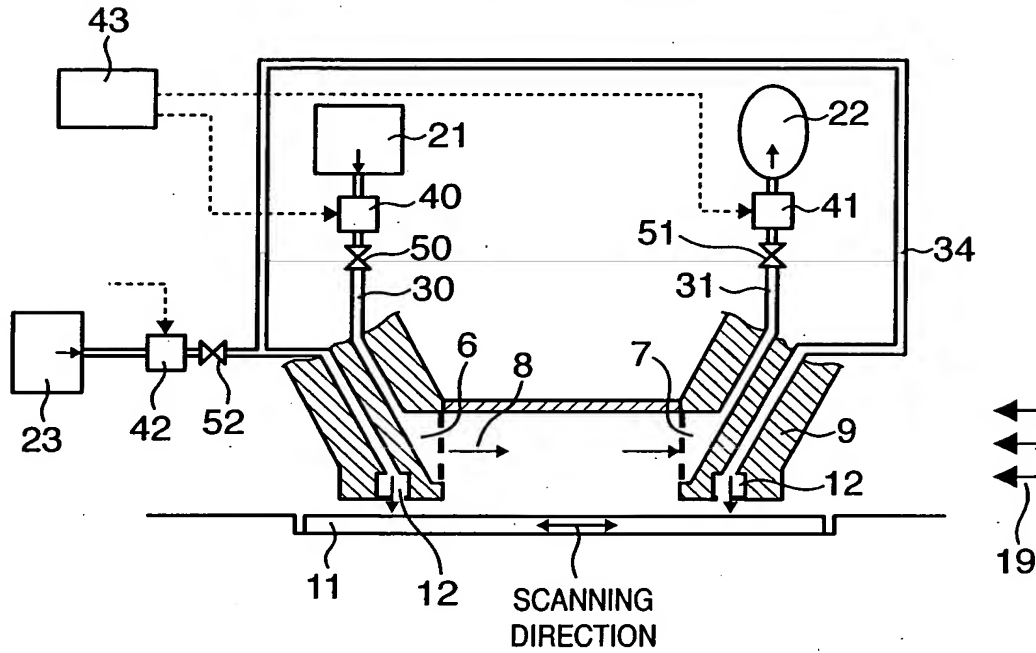


FIG. 15B is a schematic diagram of a scanning system, showing a cross-section of a substrate (11) with two angled components (6, 7) and a central channel (8). A scanning head (34) moves along a track (11) in the scanning direction. The head contains two vertical assemblies (21, 22) with sensors (40, 41) and actuators (50, 51). A fluid supply (23) feeds into the system through a valve (42) and a line (52). A return line (51) leads to a reservoir (22). A dashed line (43) indicates a control signal path. Arrows (19) indicate the scanning direction.

FIG. 15B

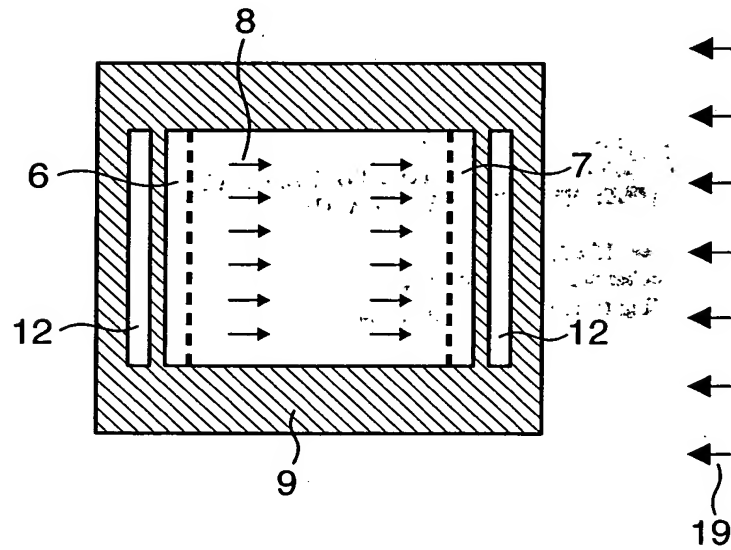


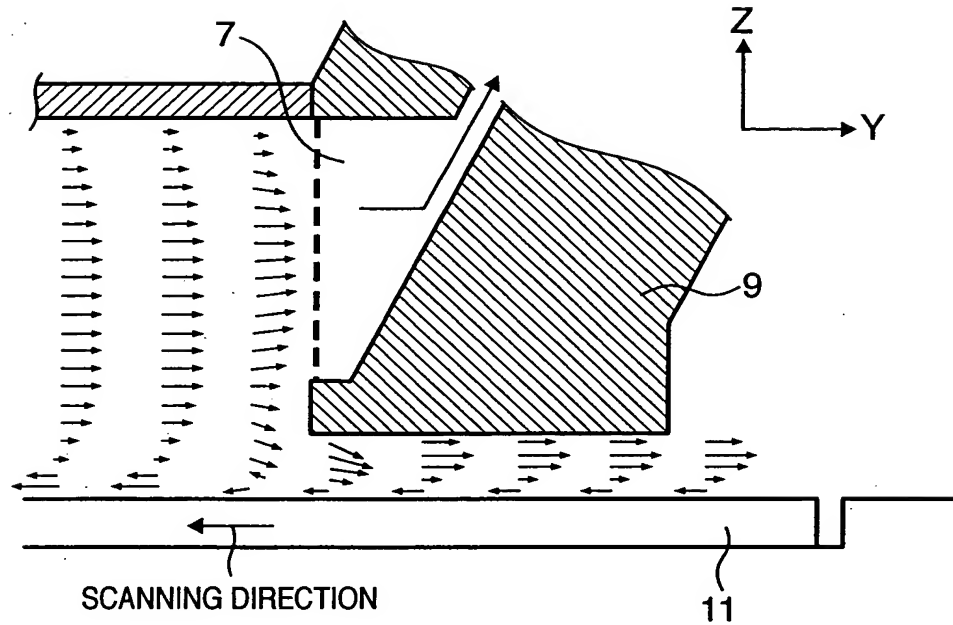
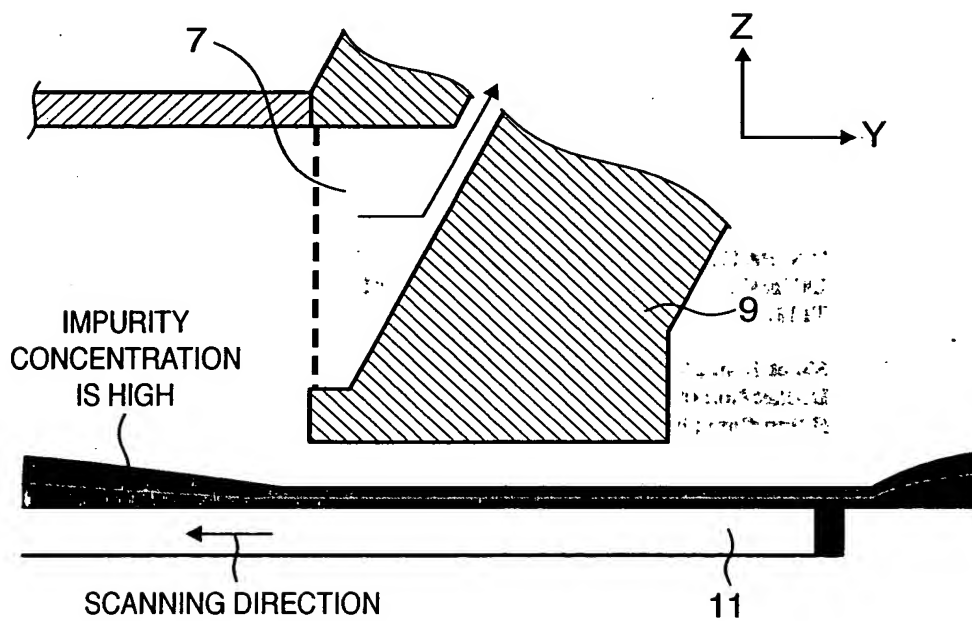
FIG. 16A**FIG. 16B**

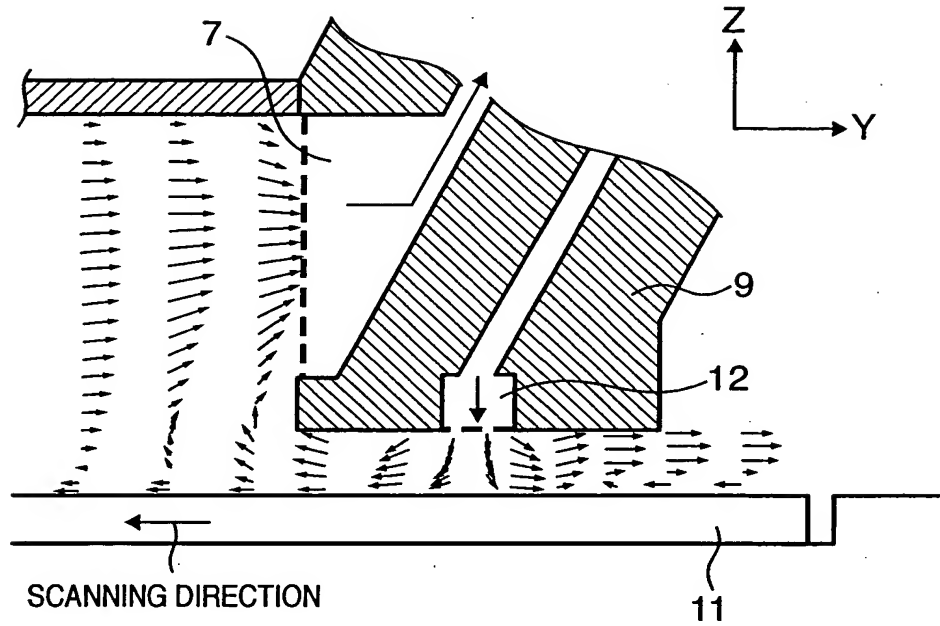
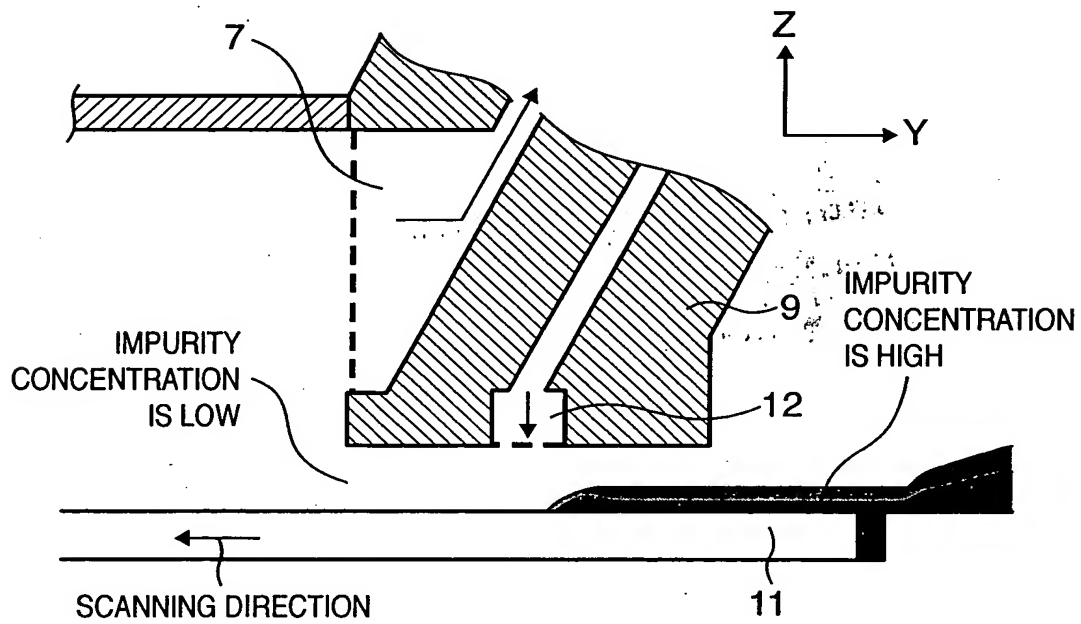
FIG. 17A**FIG. 17B**

FIG. 19A

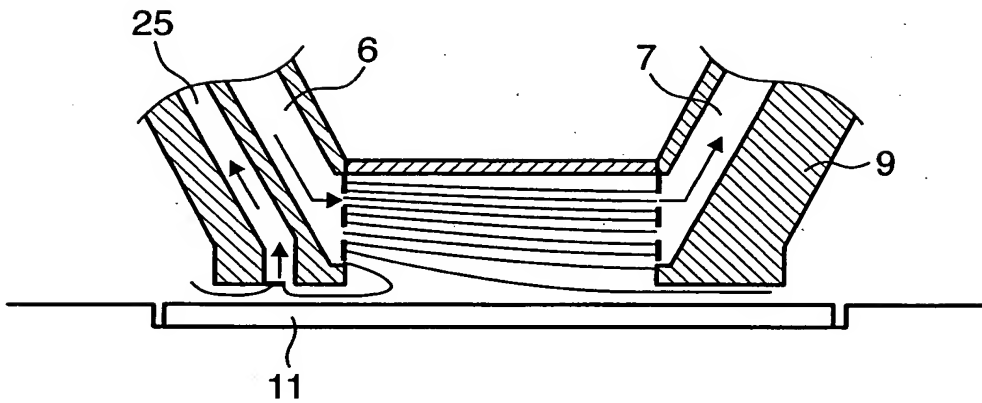


FIG. 19B is a cross-sectional view of the device assembly of FIG. 19A, showing the device assembly in a second state of operation. In this state, the angled structures 25 and 9 are moved towards the central component 7, compressing it. The base layer 11 is shown with a central portion labeled P3 and side portions labeled P2.

FIG. 19B

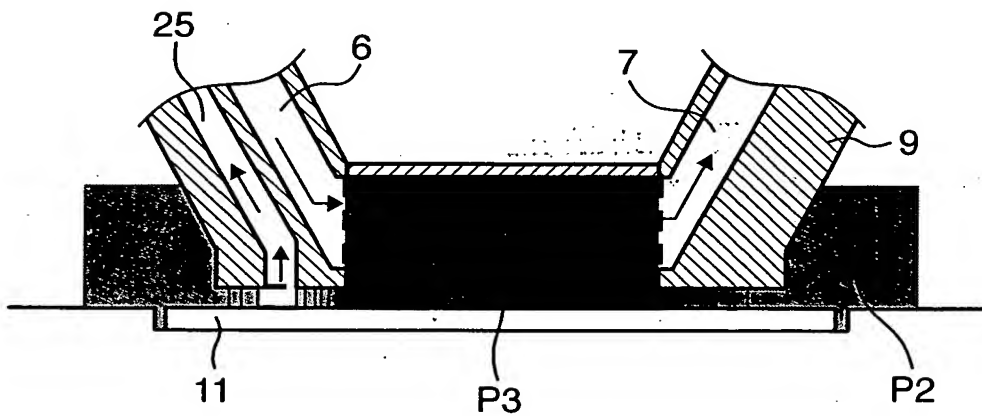


FIG. 20A

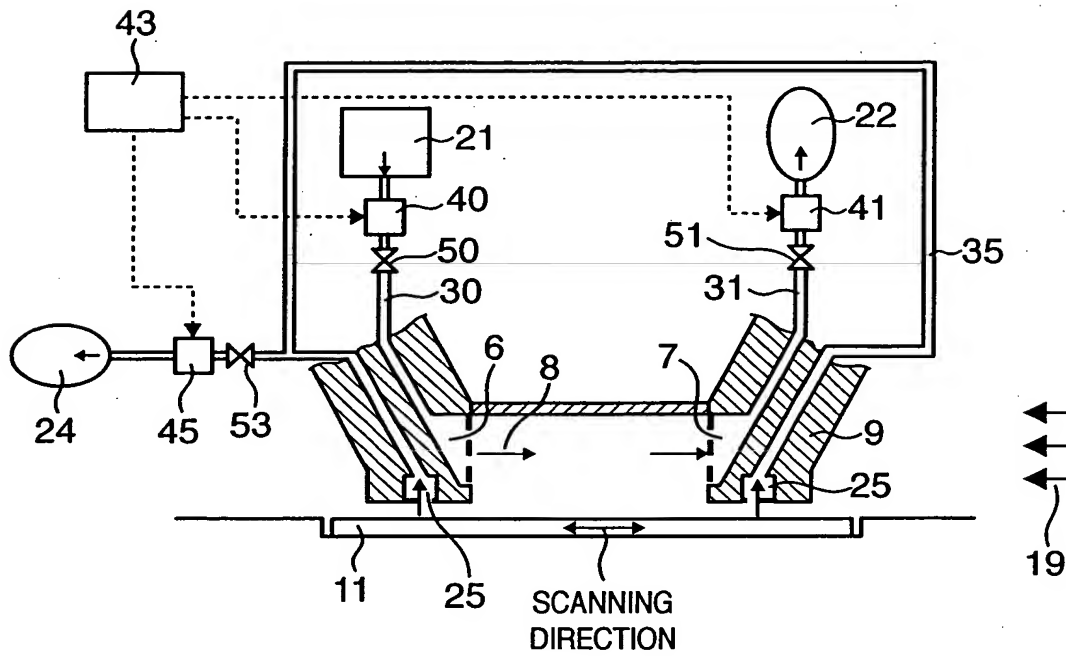


FIG. 20B

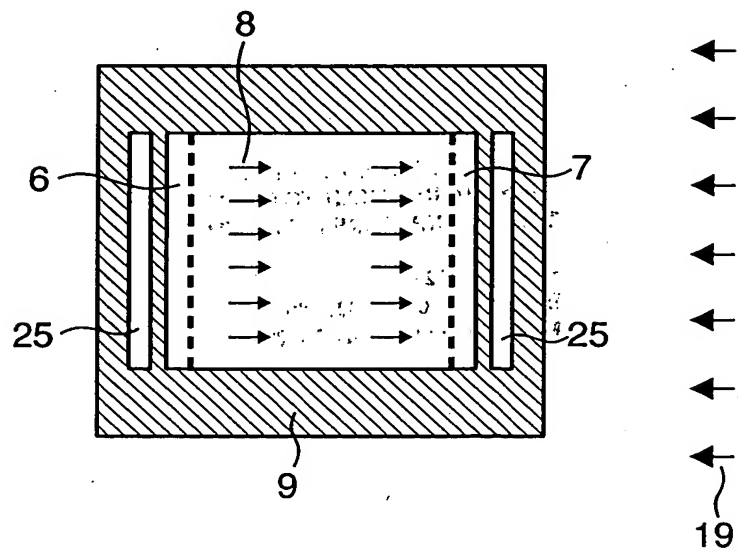


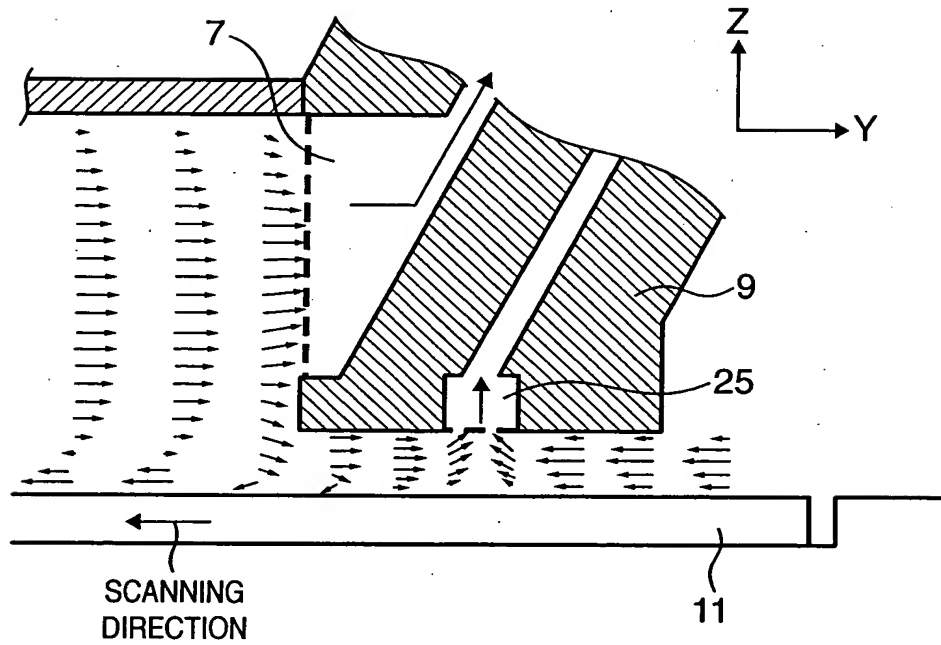
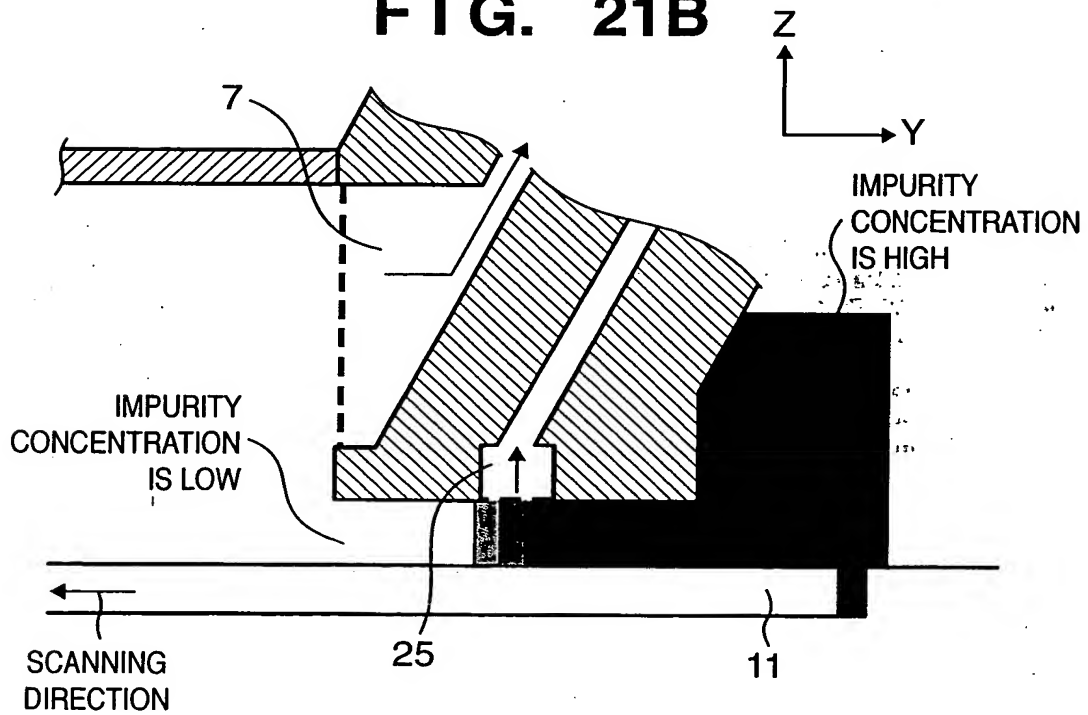
FIG. 21A**FIG. 21B**

FIG. 22

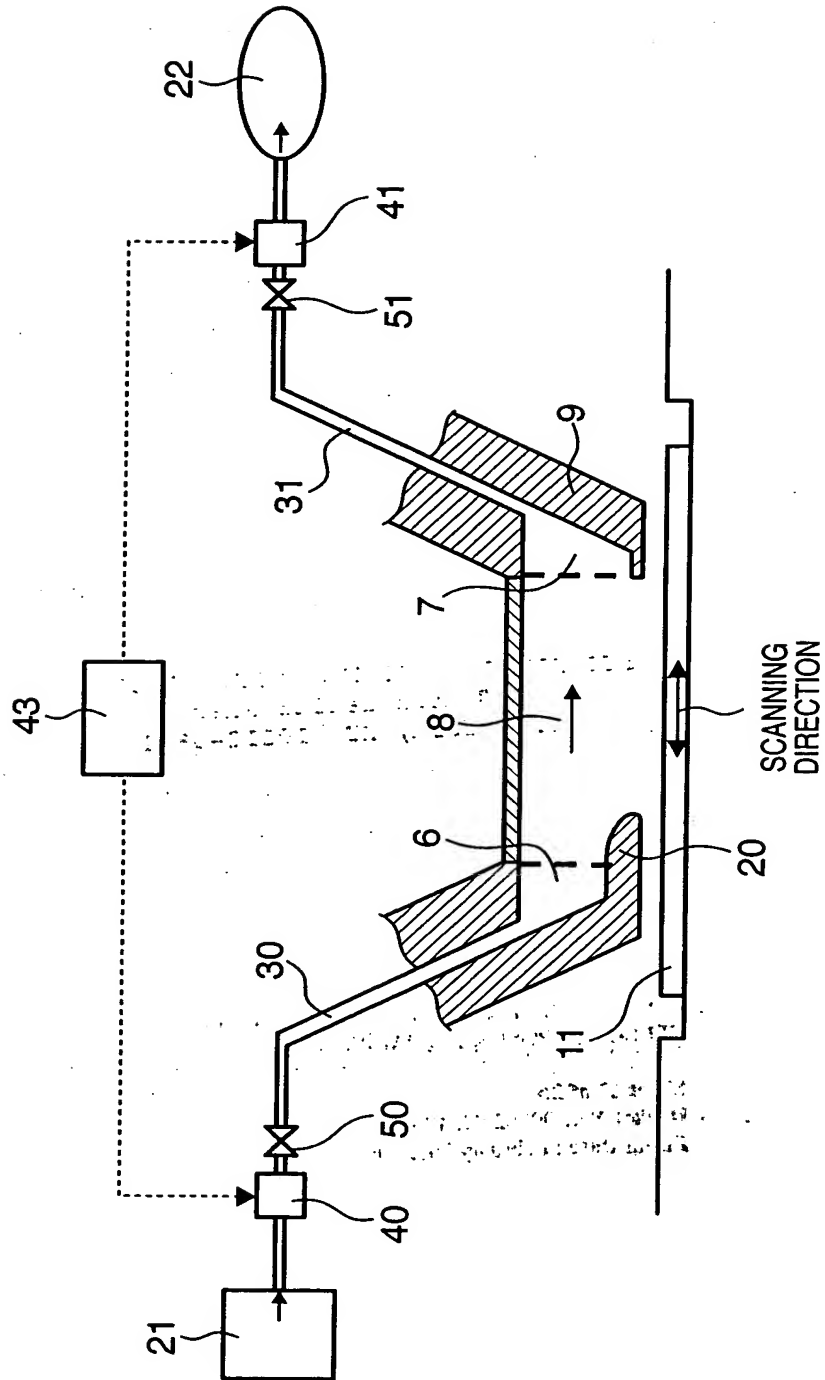


FIG. 23

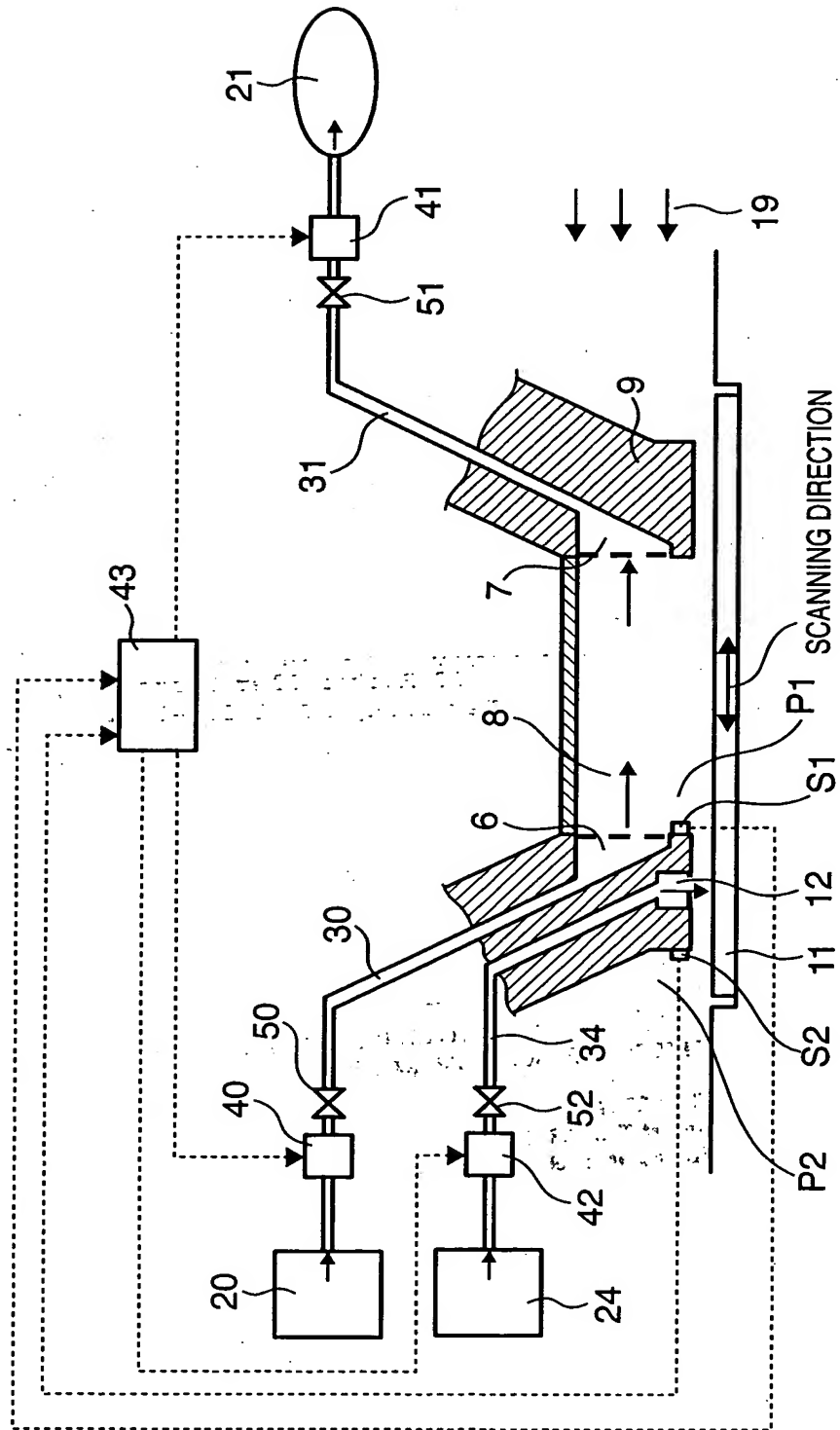


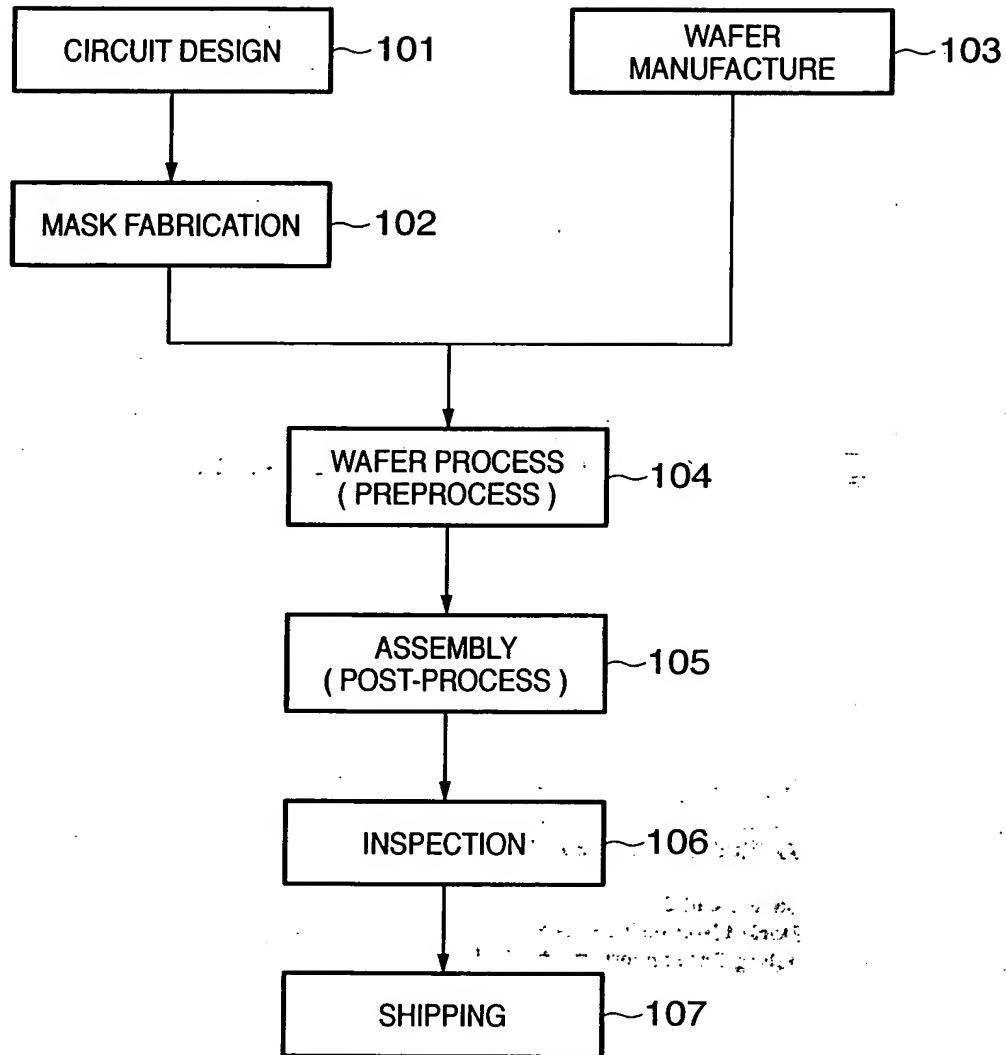
FIG. 24

FIG. 25